



1 2223 70  
SEQ 15 (1) MCHQQLVISWFSLVFLASPLVAIWELKKDVVVELDWYDPDAPGEMVVLTCDTPEEDGITWTLDQSSSEVLG  
SEQ 08 (1) MCHQQLVISWFSLVFLASPLVAIWELKKDVVVELDWYDPDAPGEMVVLTCDTPEEDGITWTLDQSSSEVLG  
SEQ 09 (1) MCHQQLVISWFSLVFLASPLVAIWELKKDVVVELDWYDPDAPGEMVVLTCDTPEEDGITWTLDQSSSEVLG  
SEQ 10 (1) MCHQQLVISWFSLVFLASPLVAIWELKKDVVVELDWYDPDAPGEMVVLTCDTPEEDGITWTLDQSSSEVLG  
SEQ 11 (1) MCHQQLVISWFSLVFLASPLVAIWELKKDVVVELDWYDPDAPGEMVVLTCDTPEEDGITWTLDQSSSEVLG  
SEQ 12 (1) MCHQQLVISWFSLVFLASPLVAIWELKKDVVVELDWYDPDAPGEMVVLTCDTPEEDGITWTLDQSSSEVLG  
SEQ 13 (1) MCHQQLVISWFSLVFLASPLVAIWELKKDVVVELDWYDPDAPGEMVVLTCDTPEEDGITWTLDQSSSEVLG  
SEQ 14 (1) MCHQQLVISWFSLVFLASPLVAIWELKKDVVVELDWYDPDAPGEMVVLTCDTPEEDGITWTLDQSSSEVLG  
71 140  
SEQ 15 (71) SGKTLTIQVKEFGDAGQYTCRKGGAVLSHLLLLHKKEDGIWSTDILKDQKEPKNKTFILRCEAKNYSGRF  
SEQ 08 (71) SGKTLTIQVKEFGDAGQYTCRKGGAVLSHLLLLHKKEDGIWSTDILKDQKEPKNKTFILRCEAKNYSGRF  
SEQ 09 (71) SGKTLTIQVKEFGDAGQYTCRKGGAVLSHLLLLHKKEDGIWSTDILKDQKEPKNKTFILRCEAKNYSGRF  
SEQ 10 (71) SGKTLTIQVKEFGDAGQYTCRKGGAVLSHLLLLHKKEDGIWSTDILKDQKEPKNKTFILRCEAKNYSGRF  
SEQ 11 (71) SGKTLTIQVKEFGDAGQYTCRKGGAVLSHLLLLHKKEDGIWSTDILKDQKEPKNKTFILRCEAKNYSGRF  
SEQ 12 (71) SGKTLTIQVKEFGDAGQYTCRKGGAVLSHLLLLHKKEDGIWSTDILKDQKEPKNKTFILRCEAKNYSGRF  
SEQ 13 (71) SGKTLTIQVKEFGDAGQYTCRKGGAVLSHLLLLHKKEDGIWSTDILKDQKEPKNKTFILRCEAKNYSGRF  
SEQ 14 (71) SGKTLTIQVKEFGDAGQYTCRKGGAVLSHLLLLHKKEDGIWSTDILKDQKEPKNKTFILRCEAKNYSGRF  
141 209  
SEQ 15 (141) TCWWLTTISTDLTF SVKSSRGSSDPQGVTCGAATLSAERVGRDN-KEYEYSVEQCEDSACPAAEESLPIE  
SEQ 08 (141) TCWWLTTISTDLTF SVKSSRGSSDPQGVTCGAATLSAERVGRDN-KEYEYSVEQCEDSACPAAEESLPIE  
SEQ 09 (141) TCWWLTTISTDLTF SVKSSRGSSDPQGVTCGAATLSAERVGRDN-KEYEYSVEQCEDSACPAAEESLPIE  
SEQ 10 (141) TCWWLTTISTDLTF SVKSSRGSSDPQGVTCGAATLSAERVGRDN-KEYEYSVEQCEDSACPAAEESLPIE  
SEQ 11 (141) TCWWLTTISTDLTF SVKSSRGSSDPQGVTCGAATLSAERVGRDN-KEYEYSVEQCEDSACPAAEESLPIE  
SEQ 12 (141) TCWWLTTISTDLTF SVKSSRGSSDPQGVTCGAATLSAERVGRDN-KEYEYSVEQCEDSACPAAEESLPIE  
SEQ 13 (141) TCWWLTTISTDLTF SVKSSRGSSDPQGVTCGAATLSAERVGRDN-KEYEYSVEQCEDSACPAAEESLPIE  
SEQ 14 (141) TCWWLTTISTDLTF SVKSSRGSSDPQGVTCGAATLSAERVGRDN-KEYEYSVEQCEDSACPAAEESLPIE

Fig. 1A

SEQ 15	(210)	VMVDAVHKLKYENYTSFFIRDI	IKPDPK	NLQLKPLKNSRQVEVSWEY	PD	TWSTPHSYFSLTFCVQVQG	279
SEQ 08	(206)	VVVEAVHKLKYENYTSFFIRDI	IKPDPK	NLQLKPLKNSRQVEVSWEY	PD	TWSTPHSYFSLTFCVQVQG	
SEQ 09	(211)	VVVEAVHKLKYENYTSFFIRDI	IKPDPK	NLQLKPLKNSRQVEVSWEY	PD	TWSTPHSYFSLTFCVQVQG	
SEQ 10	(211)	VVVDALHKLKYENYTSFFIRDI	IKPDPK	NLQLKPLKNSRQVEVSWEY	PD	TWSTPHSYFSLTFCVQVQG	
SEQ 11	(211)	VVVDALHKLKYENYTSFFIRDI	IKPDPK	NLQLKPLKNSRQVEVSWEY	PD	TWSTPHSYFSLTFCVQVQG	
SEQ 12	(206)	VVVEAVHKLKYENYTSFFIRDI	IKPDPK	NLQLKPLKNSRQVEVSWEY	PD	TWSTPHSYFSLTFCVQVQG	
SEQ 13	(206)	VVVEAVHKLKYENYTSFFIRDI	IKPDPK	NLQLKPLKNSRQVEVSWEY	PD	TWSTPHSYFSLTFCVQVQG	
SEQ 14	(211)	VVVDALHKLKYENYTSFFIRDI	IKPDPK	NLQLKPLKNSRQVEVSWEY	PD	TWSTPHSYFSLTFCVQVQG	

SEQ 15	(280)	KSKREKKDRVFTDKTSATVICRKNASISVRAQDRYYSSSWSEWASVPCS--	328
SEQ 08	(276)	KSKREKKDRVFTDKTSATVICRKNASIRVQARDRYYSSSWSEWASVPCS--	
SEQ 09	(281)	KNKREKK--LFFMDOTSANVCHDKAKIRVQARDRYYSSSWSEWASVPCS--	
SEQ 10	(281)	KNKREKK--LFFMDOTSANVCHDKAKIRVQARDRYYSSSWSEWASVPCS--	
SEQ 11	(281)	KNKREKK--LFFMDOTSANVCHDKAKIRVQARDRYYSSSWSEWASVPCS--	
SEQ 12	(276)	RNKREKK--LFFMDOTSANVCHDKAKIRVQARDRYYSSSWSDWASVSCG--	
SEQ 13	(276)	RNKREDR--LFFMDOTSANVCHDKAKIRVQARDRYYSSSWSEWASVLOS	
SEQ 14	(281)	KNKREKKDRLSVVDKTSANVCHDKAKIRVQARDRYYSSSWSEWASVPCS--	

Fig. 1B

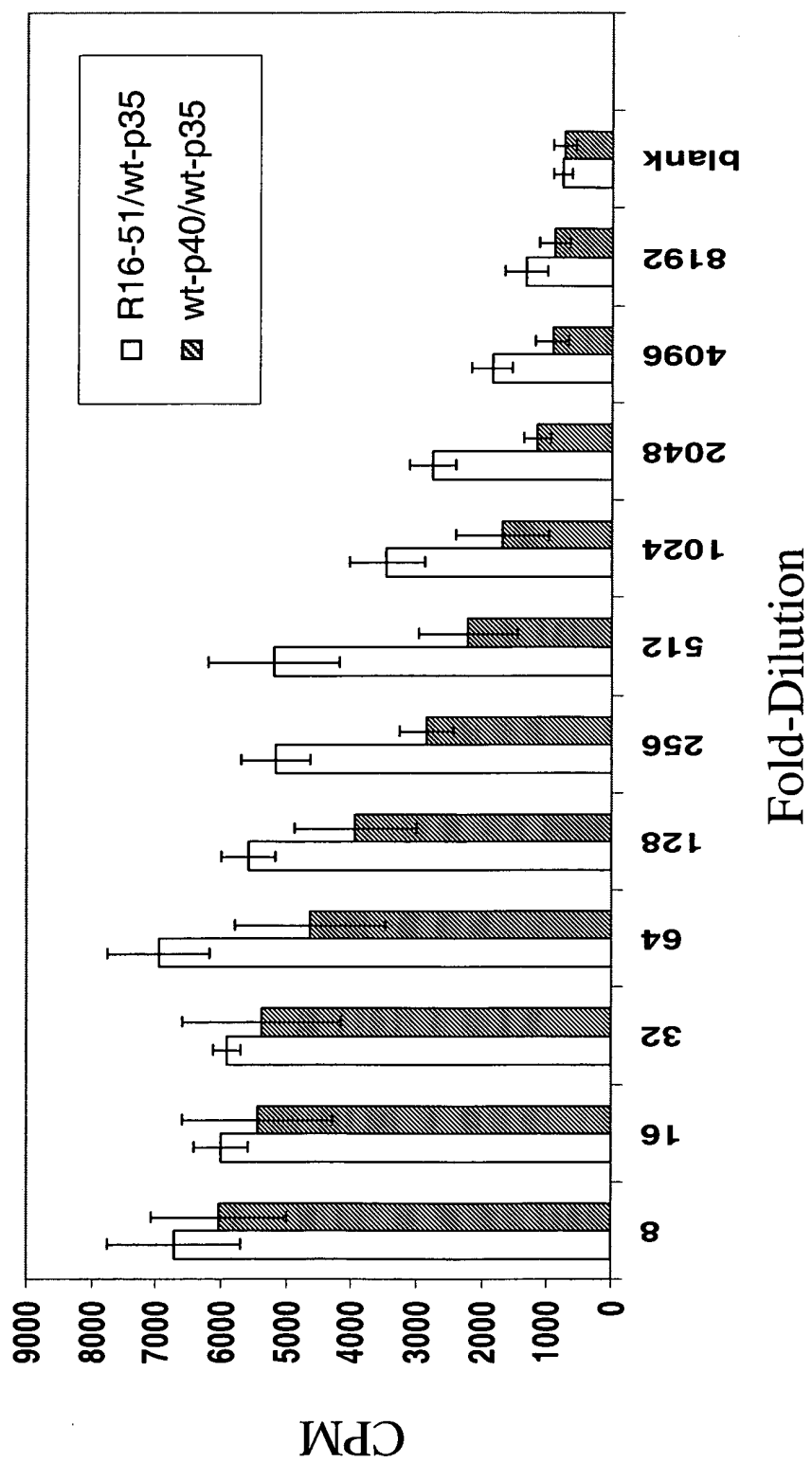


Fig. 2

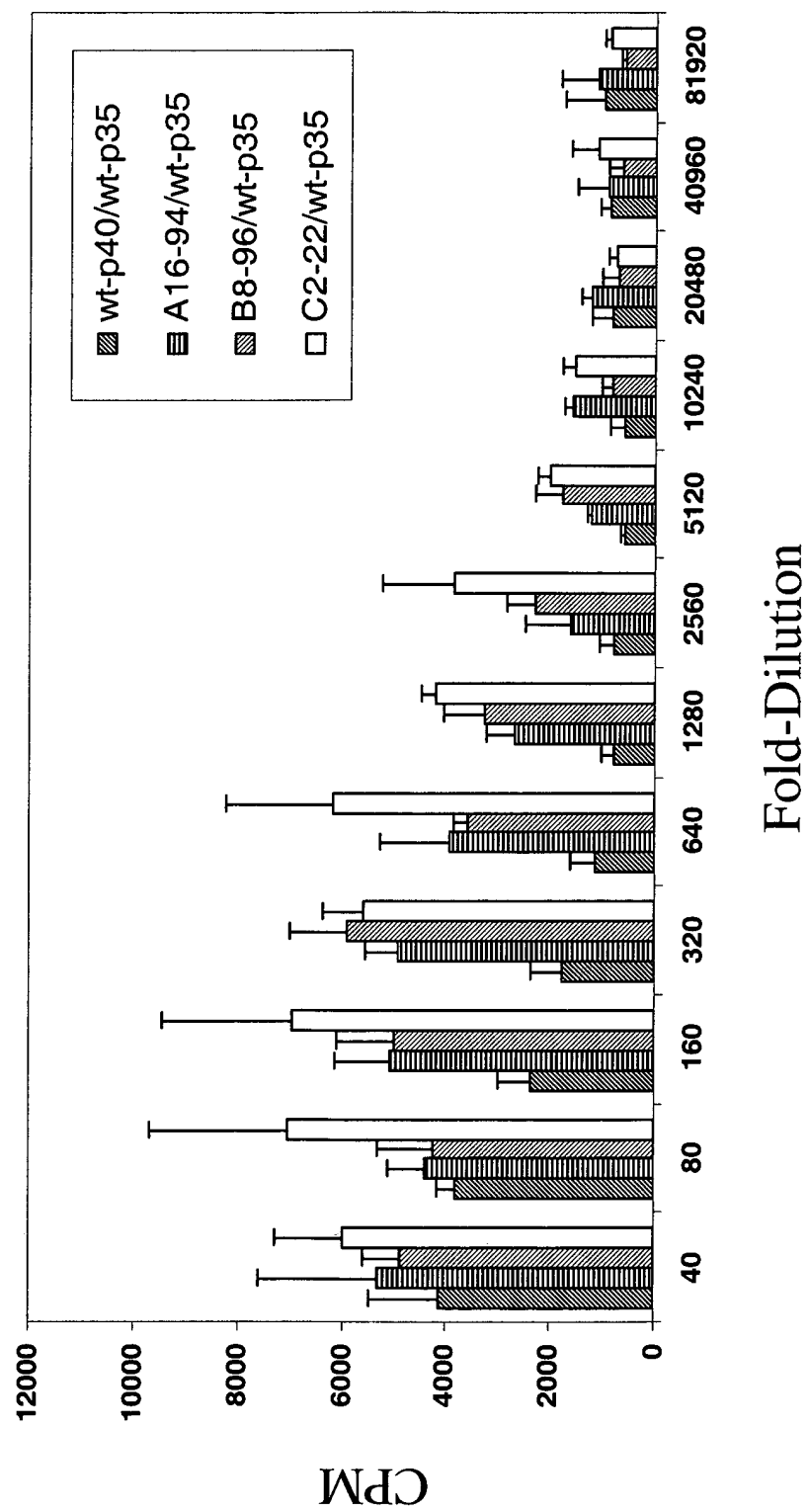


Fig. 3

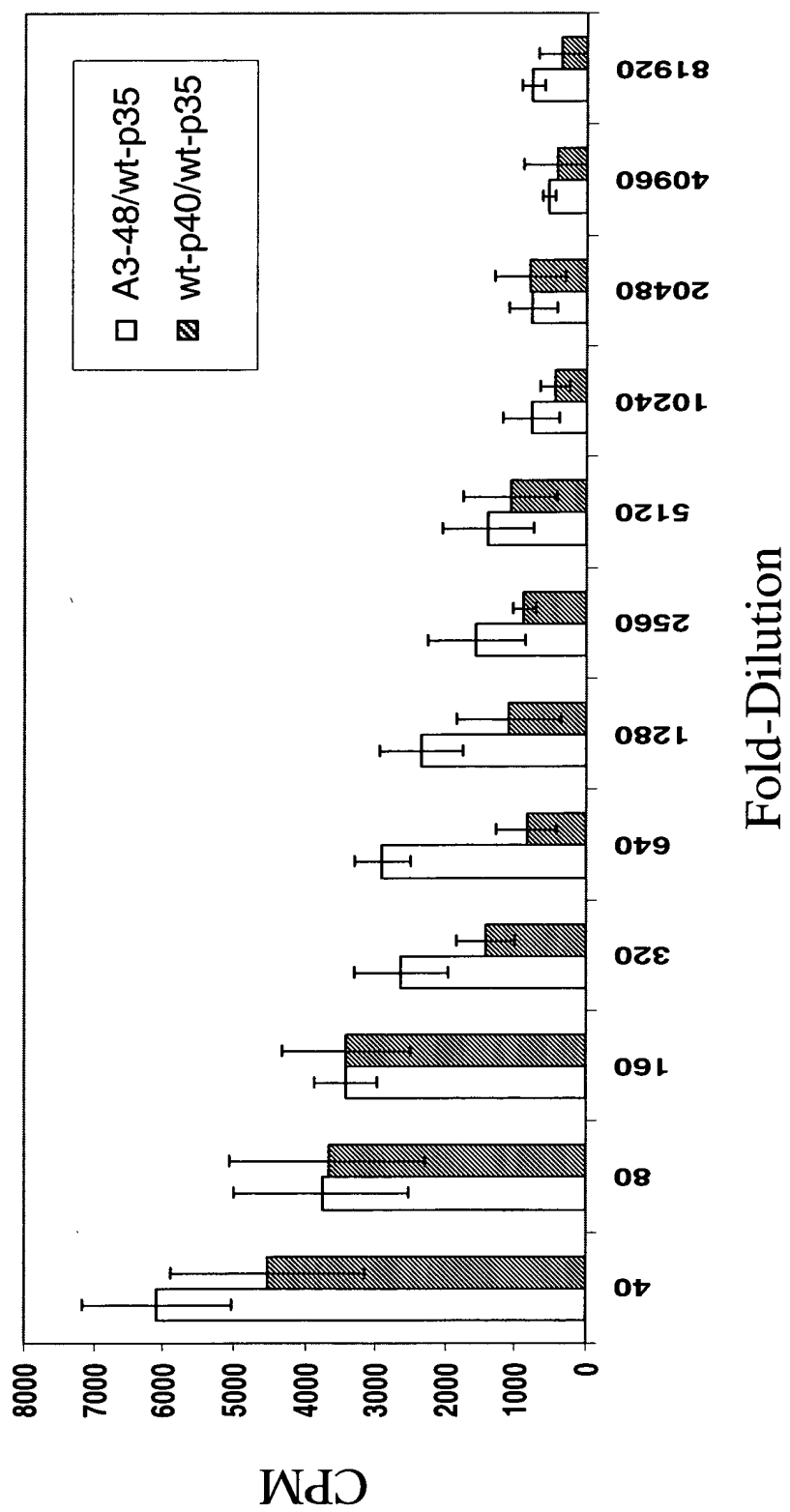


Fig. 4

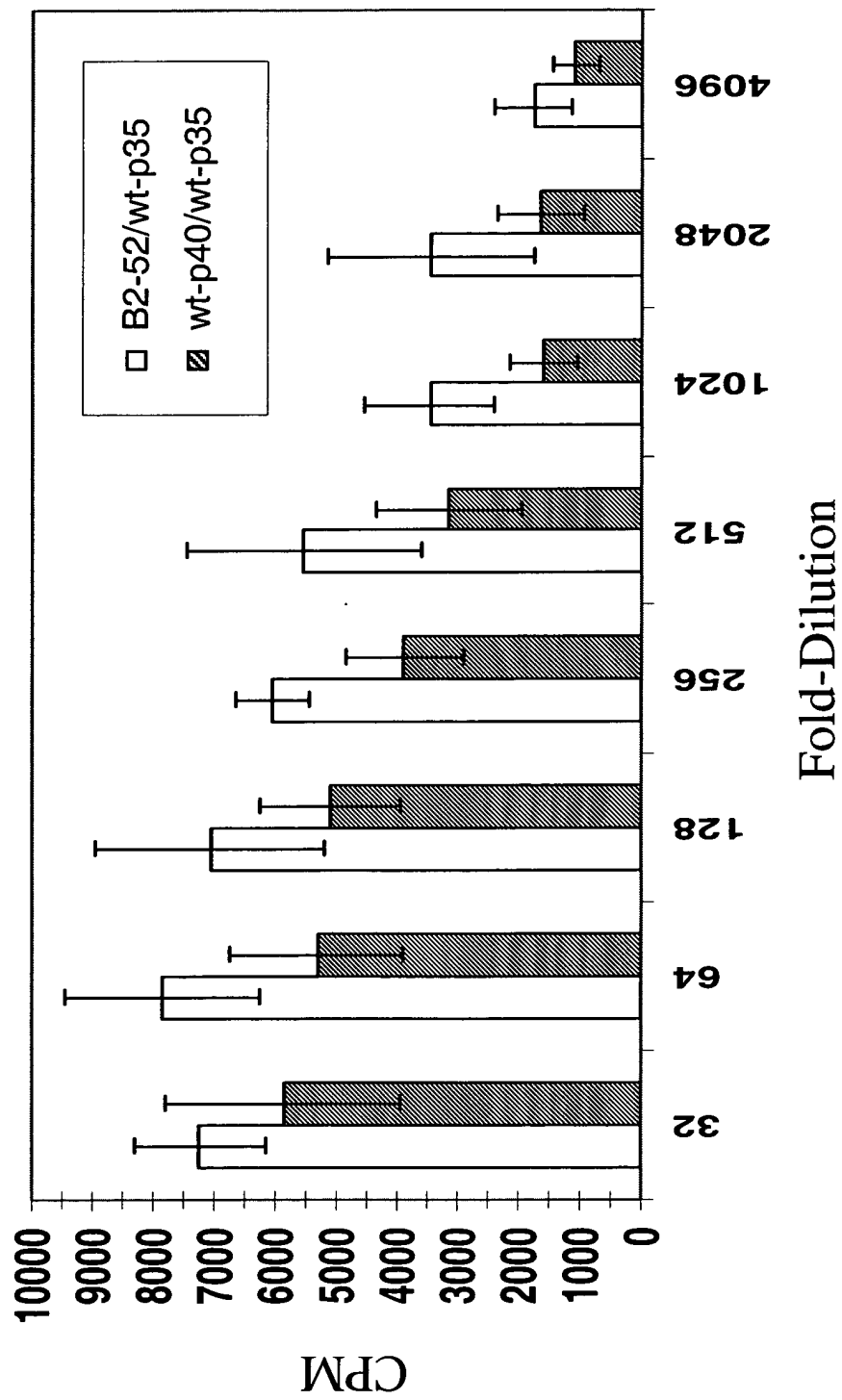


Fig. 5

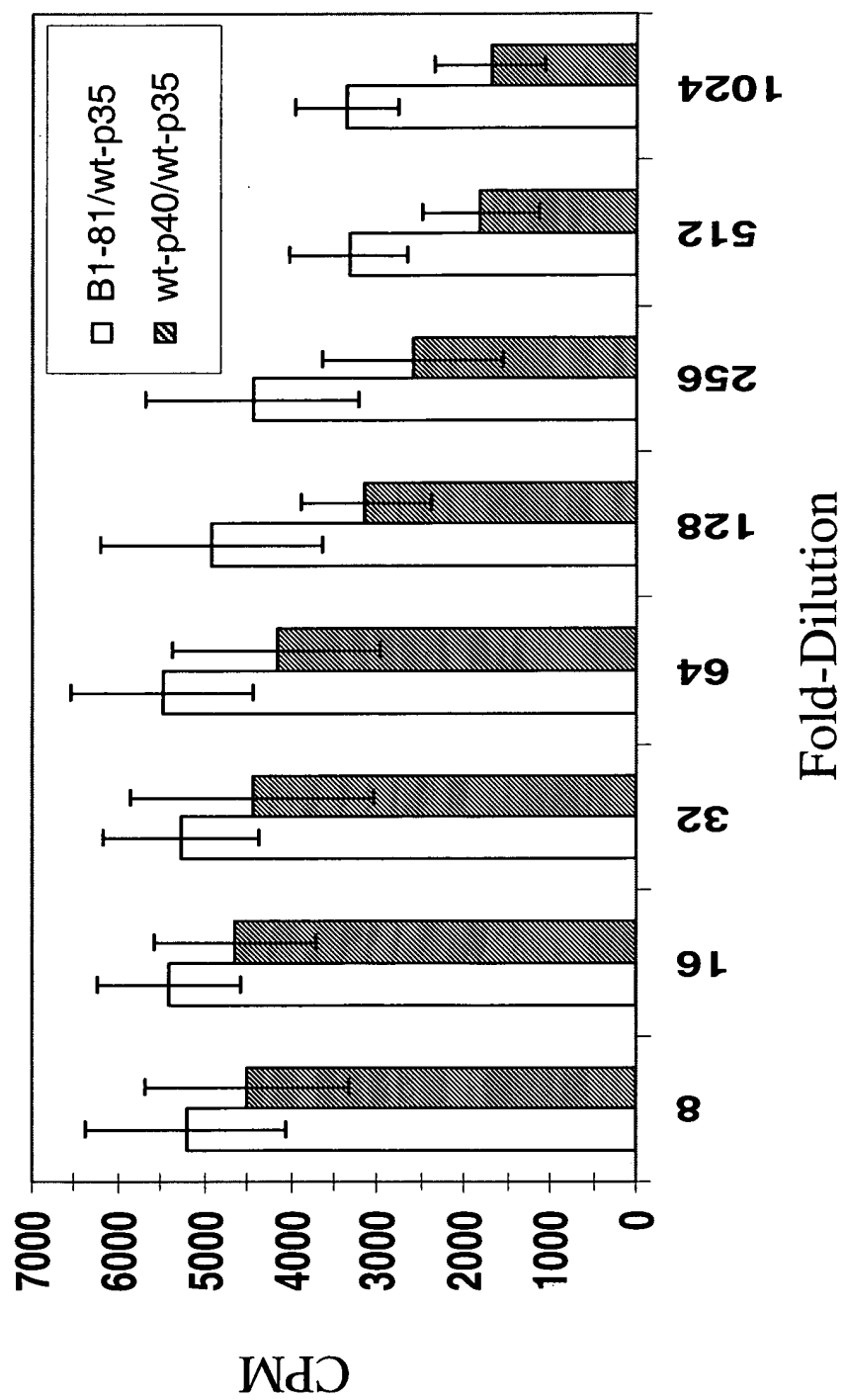


Fig. 6

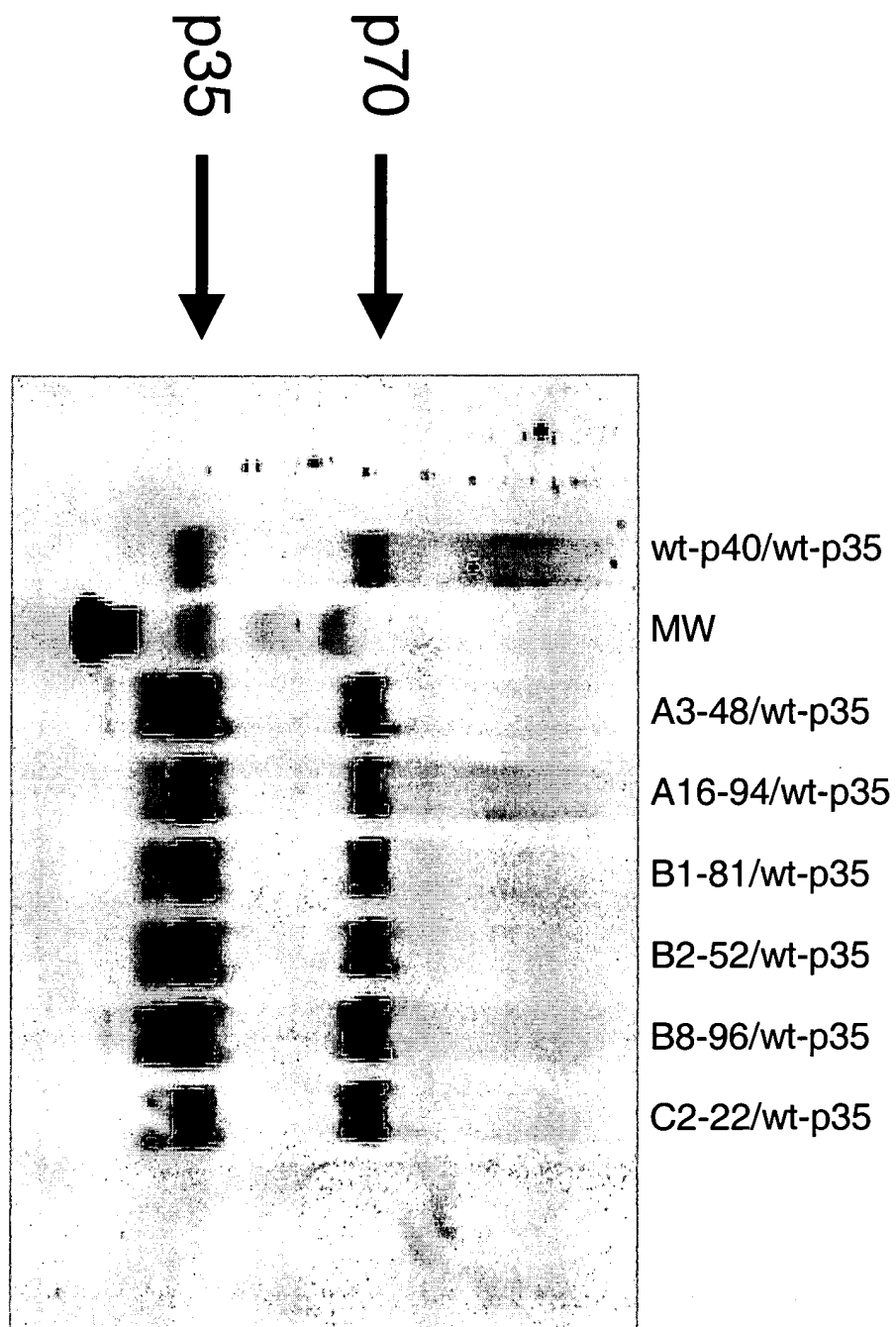


Fig. 7



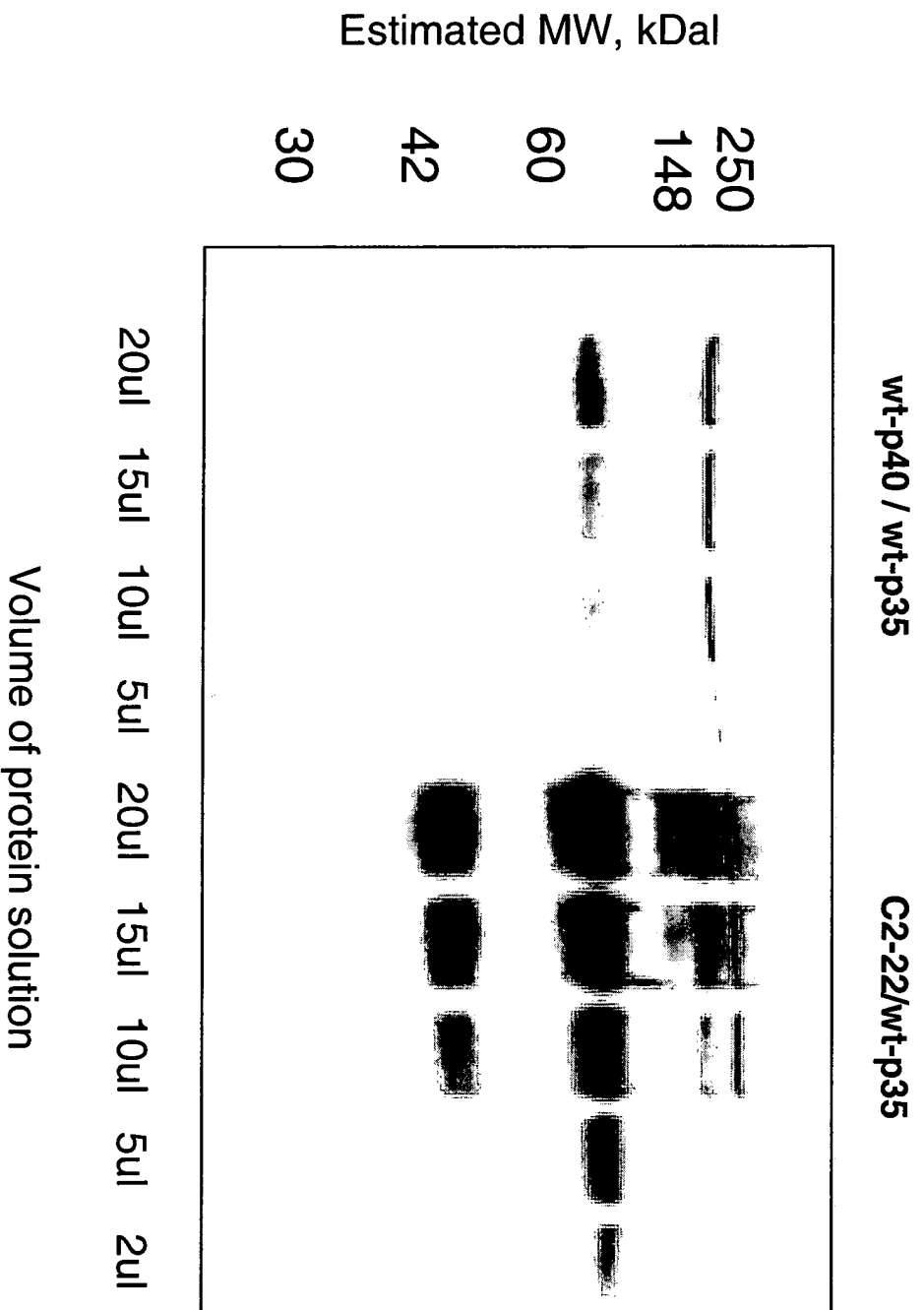


Fig. 8

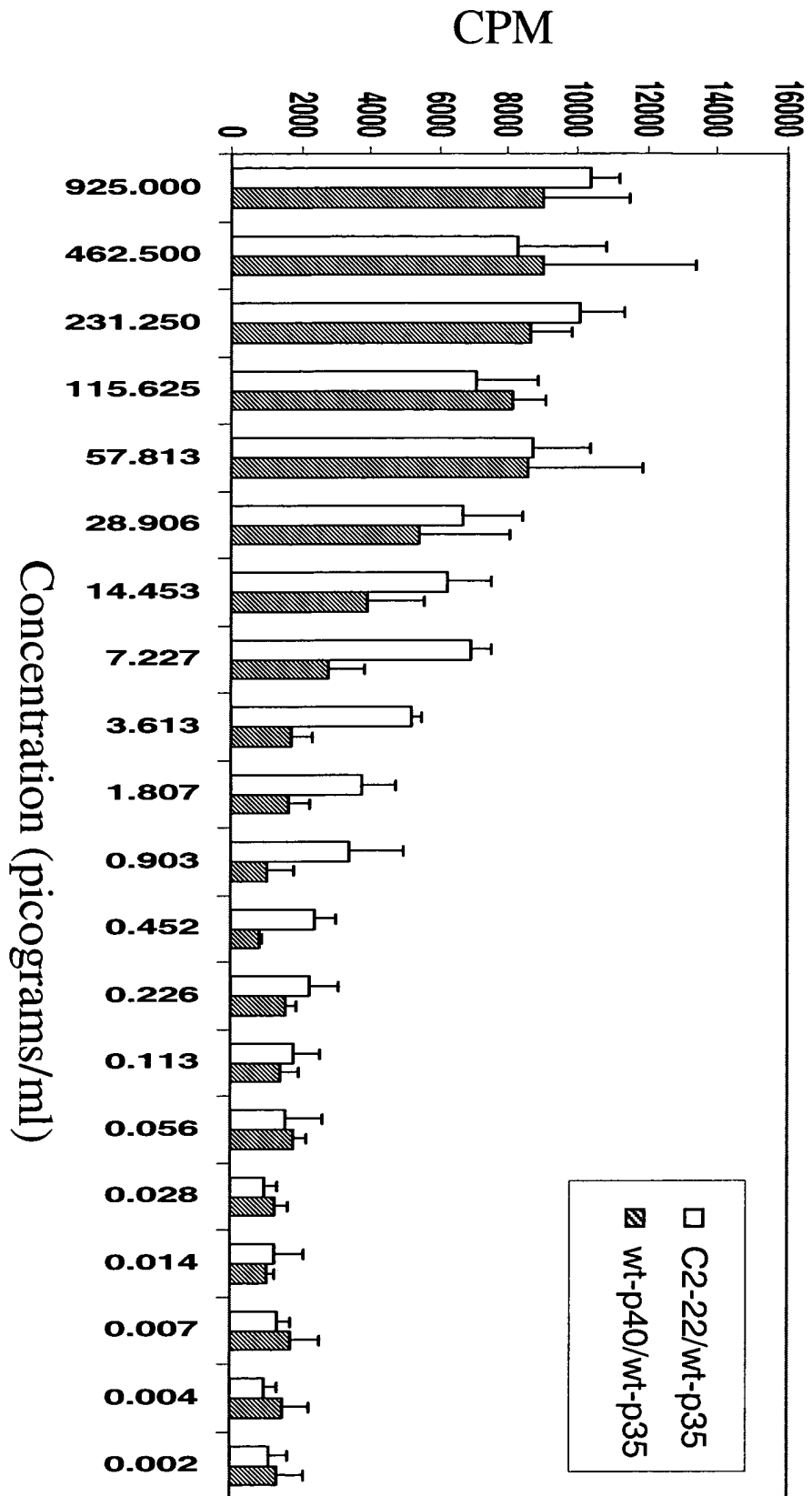


Fig. 9

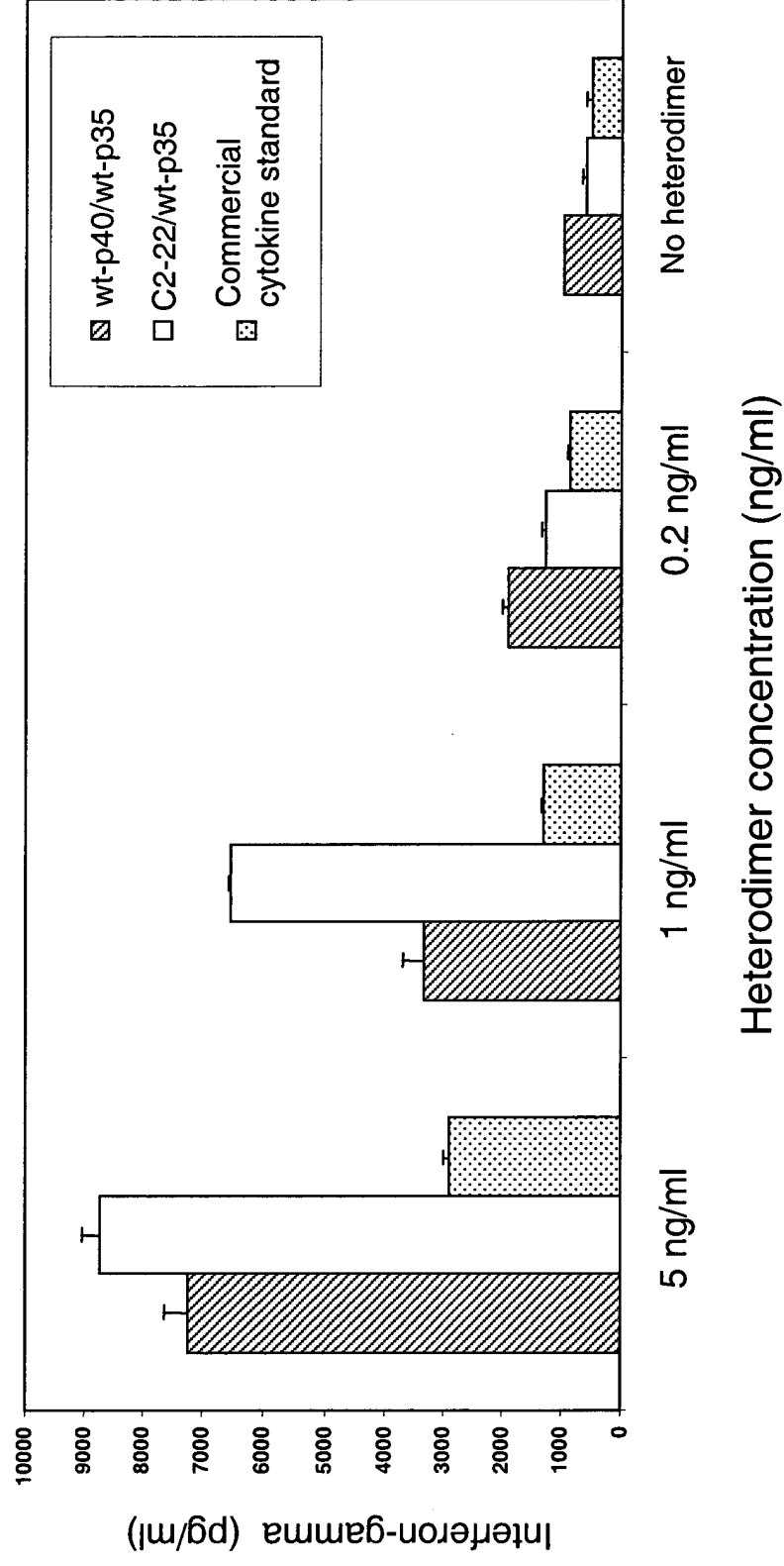


Fig. 10



1 223 67  
SEQ\_36 (1) MCPARSLLLVATLVLLDHL---SLARNLPVATPDPGMFPCLHHSQNLRLRAVSNMLQKARQTLFYPCTSE  
SEQ\_26 (1) MCPARSLLLISTLVLLHHLPHLSLGRSLPTTASPGRS-CLDYSONLLKASNNLQKARQTLFYPCTSE  
SEQ\_27 (1) MCPARSLLLISTLVLLHHLPHLSLGRSLPTTASPGRS-CLDYSONLLKASNNLQKARQTLFYPCTSE  
SEQ\_28 (1) MCPARSLLLVATLVLLDHL---SLARNLPVATPDPGMFPCLHHSQNLRLRAVSNMLQKARQTLFYPCTSE  
SEQ\_29 (1) MCPARSLLLVATLVLLDHL---SLARNLPVATPDPGMFPCLHHSQNLRLRAVSNMLQKARQTLFYPCTSE  
SEQ\_30 (1) MCPARSLLLVATLVLLDHL---SLARNLPVATPDPGMFPCLHHSQNLRLRAVSNMLQKARQTLFYPCTSE  
SEQ\_31 (1) MCPARSLLLVATLVLLDHL---SLARNLPVATPDPGMFPCLHHSQNLRLRAVSNMLQKARQTLFYPCTSE  
SEQ\_32 (1) MCPARSLLLVATLVLLDHL---SLARNLPVATPDPGMFPCLHHSQNLRLRAVSNMLQKARQTLFYPCTSE  
SEQ\_33 (1) MCPARSLLLVATLVLLDHL---SLARNLPVATPDPGMFPCLHHSQNLRLRAVSNMLQKARQTLFYPCTSE  
SEQ\_34 (1) MCPARSLLLVATLVLLDHL---SLARNLPVATPDPGMFPCLHHSQNLRLRAVSNMLQKARQTLFYPCTSE  
SEQ\_35 (1) MCPARSLLLVATLVLLDHL---SLARNLPVATPDPGMFPCLHHSQNLRLRAVSNMLQKARQTLFYPCTSE

68 137  
SEQ\_36 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLNSRETSTITNGSCLASRKTSFMMALCLSSIYEDLKMYQVE  
SEQ\_26 (70) EIDHEDITKDKTSTVEACLPLELTKNESCLASRETSTITNGSCLASRKTSFMMALCLSSIYEDLKMYQVE  
SEQ\_27 (70) EIDHEDITKDKTSTVEACLPLELTKNESCLASRETSTITNGSCLASRKTSFMMALCLSSIYEDLKMYQVE  
SEQ\_28 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLNSRETSTITNGSCLASRKTSFMMALCLSSIYEDLKMYQVE  
SEQ\_29 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLASRETSTITNGSCLASRKTSFMMALCLSSIYEDLKMYQVE  
SEQ\_30 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLNSRETSTITNGSCLASRKTSFMMALCLSSIYEDLKMYQVE  
SEQ\_31 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLASRETSTITNGSCLASRKTSFMMALCLSSIYEDLKMYQVE  
SEQ\_32 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLNSRETSTITNGSCLASRKTSFMMALCLSSIYEDLKMYQVE  
SEQ\_33 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLASRETSTITNGSCLASRKTSFMMALCLSSIYEDLKMYQVE  
SEQ\_34 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLASRETSTITNGSCLASRKTSFMMALCLSSIYEDLKMYQVE  
SEQ\_35 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLNSRETSTITNGSCLASRKTSFMMALCLSSIYEDLKMYQVE

Fig. 11A

SEQ_36	(138)	FKTMNAKLLMDPKRQIFLDQNNMLAVIDELMQALNFNSETVPQKSSLEEDFYKTKIKLCILLHAFRIRAV	207
SEQ_26	(140)	FKAMNAKLLMDPKRQIFLDQNNMLAVIDELMQALNFNSETVPQKSSLEEDFYKTKIKLCILLHAFRIRAV	
SEQ_27	(140)	FKAMNAKLLMDPKRQIFLDQNNMLAVIDELMQALNFNSETVPQKSSLEEDFYKTKIKLCILLHAFRIRAV	
SEQ_28	(138)	FKTMNAKLLMDPKRQIFLDQNNMLAIDELMQALNFNSETVPQKSSLEEDFYKTKIKLCILLHAFRIRAV	
SEQ_29	(138)	FKAMNAKLLMDPKRQIFLDQNNMLAIDELMQALNFNSETVPQKSSLEEDFYKTKIKLCILLHAFRIRAV	
SEQ_30	(138)	FKAMNAKLLMDPKRQIFLDQNNMLAIDELMQALNFNSETVPQKSSLEEDFYKTKIKLCILLHAFRIRAV	
SEQ_31	(138)	FKTMNAKLLMDPKRQIFLDQNNMLAIDELMQALNFNSETVPQKSSLEEDFYKTKIKLCILLHAFRIRAV	
SEQ_32	(138)	FKTMNAKLLMDPKRQIFLDQNNMLAIDELMQALNFNSETVPQKSSLEEDFYKTKIKLCILLHAFRIRAV	
SEQ_33	(138)	FKAMNAKLLMDPKRQIFLDQNNMLAIDELMQALNFNSETVPQKSSLEEDFYKTKIKLCILLHAFRIRAV	
SEQ_34	(138)	FKAMNAKLLMDPKRQIFLDQNNMLAIDELMQALNFNSETVPQKSSLEEDFYKTKIKLCILLHAFRIRAV	
SEQ_35	(138)	FKTMNAKLLMDPKRQIFLDQNNMLAIDELMQALNFNSETVPQKSSLEEDFYKTKIKLCILLHAFRIRAV	
138			
SEQ_36	(208)	TIDRVTSYLNAS	219
SEQ_26	(210)	TIDRMMSYLNSS	
SEQ_27	(210)	TINRMMSYLNSS	
SEQ_28	(208)	TINRMMSYLNSS	
SEQ_29	(208)	TINRMMSYLNSS	
SEQ_30	(208)	TINRMMSYLNSS	
SEQ_31	(208)	TINRMMSYLNSS	
SEQ_32	(208)	TINRMMSYLNSS	
SEQ_33	(208)	TINRMMSYLNSS	
SEQ_34	(208)	TIDRMMSYLNSS	
SEQ_35	(208)	TINRMMSYLNSS	
208			

Fig. 11B

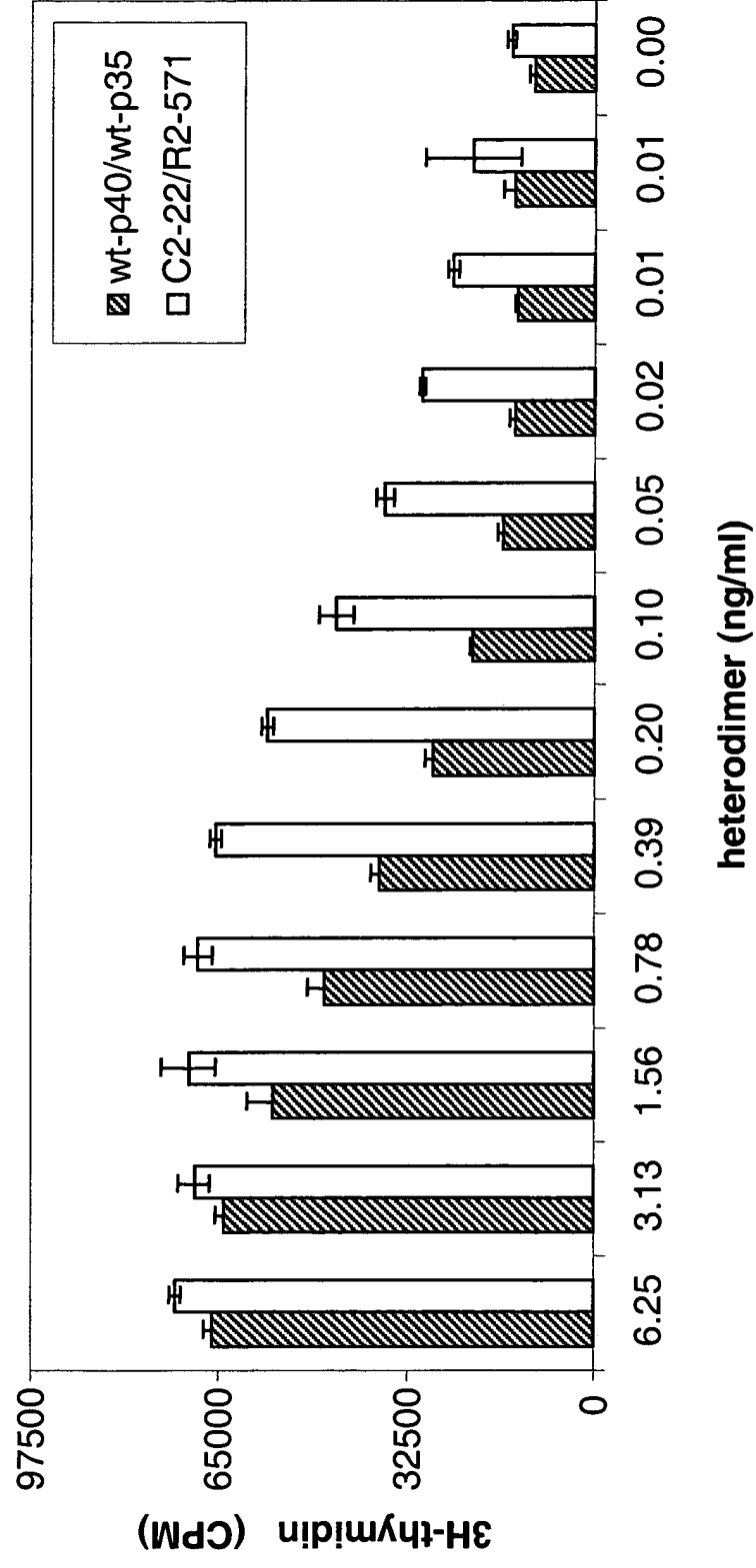


Fig. 12

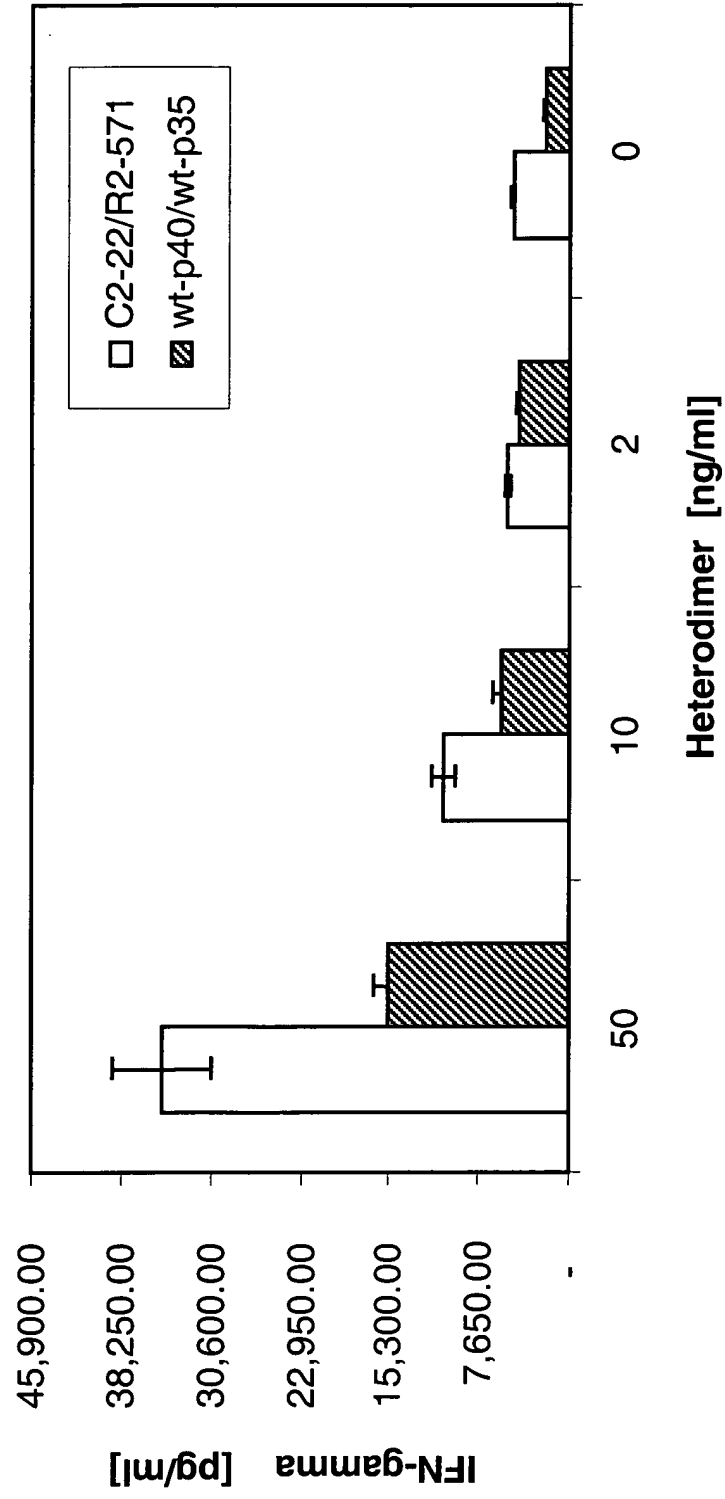


Fig. 13

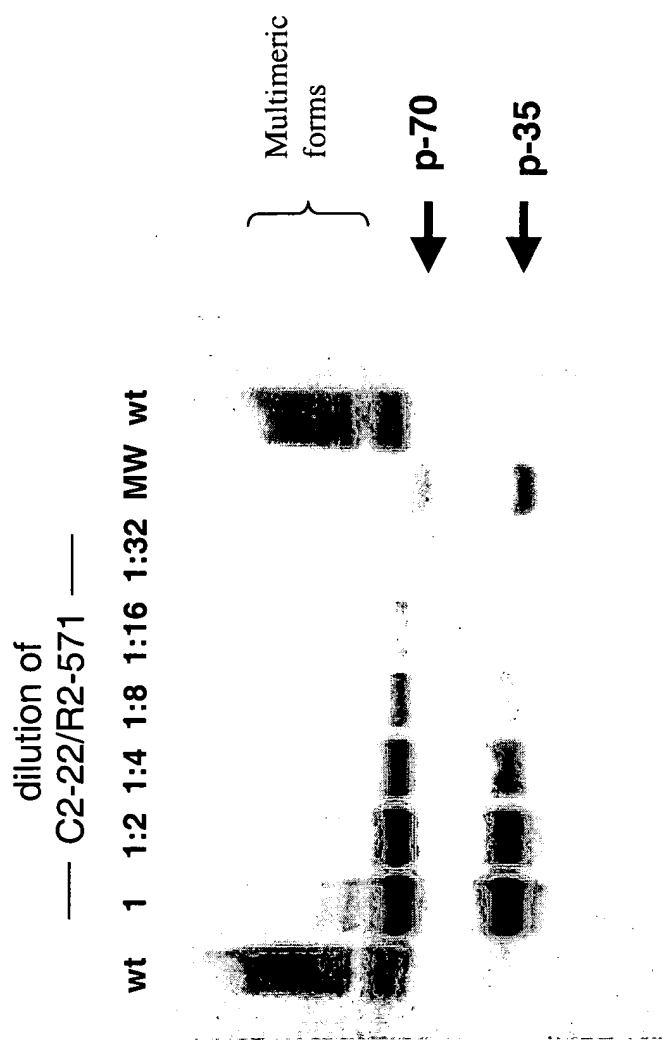


Fig. 14